

Form PTO-1449 (modified)

Atty. Docket No.
UTSD:578USC2/DLP

Serial No.
09/603,131

List of Patents and Publications for Applicant's

Applicants

David J. Mangelsdorf and Bethany A. Janowski

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INFORMATION DISCLOSURE STATEMENT

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June 23, 2000

Group:
Unknown

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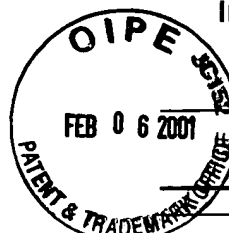
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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
<i>MDP</i>	A1	5,571,696	11/05/96	Evans <i>et al.</i>	X	X	
↑	A2	5,696,233	12/09/97	Evans <i>et al.</i>			
	A3	5,707,800	01/13/98	Mangelsdorf <i>et al.</i>			
	A4	5,710,004	01/20/98	Evans <i>et al.</i>			
↓	A5	5,723,329	03/03/98	Mangelsdorf <i>et al.</i>			
<i>MDP</i>	A6	5,747,661	05/05/98	Evans <i>et al.</i>			

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translati Yes/No

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>MDP</i>	C1 /	Baker <i>et al.</i> , "Cloning and expression of full-length cDNA encoding human vitamin D receptor," <i>Proc. Natl. Acad. Sci. USA</i> , 85:3294-3298, 1988.
↑	C2 ✓	Byskov <i>et al.</i> , "Chemical structure of steroids that activate oocyte meiosis," <i>Nature</i> , 374:559-562, 1995.
	C3 ✓	Dhar <i>et al.</i> , "Biosynthesis of cholest-5-ene-3β, 24-diol (cerebrosterol) by bovine cerebral cortical microsomes," <i>J. Neurochem</i> , 21:51-60, 1973.
↓	C4 ✓	Dixon <i>et al.</i> , "The isolation of crystalline 22r-hydroxycholesterol and 20α,22r-dihydroxycholesterol from bovine adrenals," <i>Biochem. Biophys Res. Commun.</i> , 40:161-165, 1970.
<i>MDP</i>	C5 ✓	Dolle <i>et al.</i> , "Synthesis of zymosterol, fecosterol, and related biosynthetic sterol intermediates," <i>J. Am. Chem. Soc.</i> , 111:278-284, 1989.

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Examiner: *MICHAEL PARK*

Date Considered: *6/28/02*

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
MDP	C6 /	Forman <i>et al.</i> , "Identification of a nuclear receptor that is activated by farnesol metabolites," <i>Cell</i> , 81:687-693, 1995.
↑	C7 ✓	Forman <i>et al.</i> , "15-deoxy- $\Delta^{12,14}$ -prostaglandin J_2 is a ligand for the adipocyte determination factor ppar γ ," <i>Cell</i> , 83:803-812, 1995.
	C8 ✓	Giguere <i>et al.</i> , "Identification of a receptor for the morphogen retinoic acid," <i>Nature</i> , 330:624-629, 1987.
	C9 ✓	Green <i>et al.</i> , "Human oestrogen receptor cDNA: sequence, expression and homology to v-erb-A," <i>Nature</i> , 320:134-139, 1986.
	C10 ✓	Harmon <i>et al.</i> , "Activation of Mammalian retinoid X receptors by the insect growth regulator methoprene," <i>Proc. Natl. Acad. Sci. USA</i> , 92:6157-6160, 1995.
	C11 ✓	Heyman <i>et al.</i> , "9-Cis retinoic acid is a high affinity ligand for the retinoid x receptor," <i>Cell</i> , 68:397-406, 1992.
	C12 ✓	Hollenberg <i>et al.</i> , "Primary structure and expression of a functional human glucocorticoid receptor cDNA," <i>Nature</i> , 318:635-641, 1985.
	C13 ✓	Ikekawa, "Structures, biosynthesis and function of sterols in invertebrates," In: <i>Sterols and Bile Acids</i> , Danielsson, ed., Elsevier/N. Holland Biomedical Press, Amsterdam, pp. 199-230, 1985.
	C14 ✓	Issemann and Green, "Activation of a member of the steroid hormone receptor superfamily by peroxisome proliferators," <i>Nature</i> , 347:645-650, 1990.
	C15 ✓	Janowski <i>et al.</i> , "An oxysterol signalling pathway mediated by the nuclear receptor LXR α ," <i>Nature</i> , 383:728-731, 1996.
	C16 ✓	Javitt <i>et al.</i> , "26-hydroxycholesterol," <i>J. Biol. Chem.</i> , 256:12644-12646, 1981.
	C17 ✓	Jelinek <i>et al.</i> , "Cloning and regulation of cholesterol 7 α -hydroxylase, the rate-limiting enzyme in bile acid biosynthesis," <i>J. Biol. Chem.</i> , 265(14):8190-8197, 1990.
↓	C18 ✓	Kandutsch <i>et al.</i> , "Biological activity of some oxygenated sterols," <i>Science</i> , 201:498-501, 1978.
MDP	C19 ✓	Kliwer <i>et al.</i> , "A prostaglandin J_2 metabolite binds peroxisome proliferator-activated receptor γ and promotes adipocyte differentiation," <i>Cell</i> , 83:813-819, 1995.

1661992.1

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Exam. Init.	Ref. Des.	Citation
Mdp	C20 ✓	Kliewer <i>et al.</i> , "Convergence of 9-cis retinoic acid and peroxisome proliferator signalling pathways through heterodimer formation of their receptors," <i>Nature</i> , 358:771-774, 1992.
↑	C21 ✓	Lala <i>et al.</i> , "Activation of the orphan nuclear receptor steroidogenic factor 1 by oxysterols," <i>Proc. Natl. Acad. Sci. USA</i> , 94:4895-4900, 1997.
↑	C22 ✓	Mangelsdorf <i>et al.</i> , "The nuclear receptor superfamily: the second decade," <i>Cell</i> , 83:835-839, 1995.
↑	C23 ✓	Mangelsdorf <i>et al.</i> , "Nuclear receptor that identifies a novel retinoic acid response pathway," <i>Nature</i> , 345:224-229, 1990.
↑	C24 ✓	Morisaki <i>et al.</i> , "Studies on steroids. XLV. Synthesis of the four stereoisomers of 20,22-dihydroxycholesterol," <i>Chem. Pharm. Bull.</i> , 25:2576-2583, 1977.
↑	C25 ✓	Russell, "Ubiquitous receptor: a receptor that modulates gene activation by retinoic acid and thyroid hormone receptors," <i>Cardiovas. Drugs Ther.</i> , 6:103-110, 1992.
↑	C26 ✓	Song <i>et al.</i> , "SREBP-1, a membrane-bound transcription factor released by sterol-regulated proteolysis," <i>Proc. Natl. Acad. Sci. USA</i> , 91:10809-10813, 1994.
↑	C27 ✓	Wang <i>et al.</i> , "The c-erb-A gene encodes a thyroid hormone receptor," <i>Cell</i> , 77:53-62, 1994.
↑	C28 ✓	Weinberger <i>et al.</i> , "LXR, a nuclear receptor that defines a distinct retinoid response pathway," <i>Nature</i> , 324:641-646, 1986.
↑	C29 ✓	Willy <i>et al.</i> , "LXR, a nuclear receptor that defines a distinct retinoid response pathway," <i>Genes Dev.</i> , 9:1033-1045, 1995.
Mdp	C30 ✓	Yao <i>et al.</i> , "Drosophila ultraspiracle modulates ecdysone receptor function via heterodimer formation," <i>Cell</i> , 71:63-72, 1992.

1661992.1

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